

Title (en)
ENGINE COOLING APPARATUS

Title (de)
MOTORKÜHLUNGSVORRICHTUNG

Title (fr)
APPAREIL DE REFROIDISSEMENT DE MOTEUR

Publication
EP 3561253 B1 20240410 (EN)

Application
EP 18757690 A 20180221

Priority
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Abstract (en)
[origin: EP3561253A1] Provided is an engine cooling apparatus capable of preventing deterioration in reliability of a cylinder head of an engine during cold engine operation. The engine cooling apparatus comprises an engine cooling water path 10, a heater core cooling path 12, and a radiator cooling water path 14, and further comprises a switching valve 20 for switching among these cooling water paths 10, 12, 14. The switching valve 20 is operable, when the temperature of an area around an exhaust valve is raised to a value greater than, e.g., 150°C, even in a situation where the temperature of cooling water for cooling the engine is equal to or less than, e.g., 50°C, to switch from the in-engine cooling water path 10 to the heater core cooling water path 12.

IPC 8 full level
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